

PUBLICATIONS

In preparation

- [5] S. Zhang and L. Olsen, *Multifractal curvature measures of in-homogeneous self-similar measures*.
- [4] S. Zhang, B. Gao and Y. Xiao, *Hausdorff dimension of the individual divergence sets of in-homogeneous self-similar measures*.

Published

- [3] S. Zhang, B. Gao and Y. Xiao, *The lower Fourier dimensions of in-homogeneous self-similar measures*, *J. Fourier Anal. Appl.* 29(5), 29 pp, 2023.
- [2] S. Zhang and Y. Xiao, *The Ricci curvature of gluing graph of two complete graphs*, *J. Geom. Anal.* 33(1), 28 pp, 2022.
- [1] S. Zhang, B. Gao and Y. Xiao, *On the L^q spectra of in-homogeneous self-similar measures*, *Forum Math.* 34(5), 1383-1410, 2022.

SEMINAR TALKS

- [Multifractal tube measures of in-homogeneous self-similar measures](#) 21 Oct 2023
Foshan University
- [Multifractal tube measures of in-homogeneous self-similar measures](#) 10 Oct 2023
University of St. Andrews
- **Give seminar talks on fractal geometry over 20 times** 2019 - 2022
Hunan University

ACADEMIC CONFERENCES

- [One day ergodic theory meeting](#) 29 Nov 2023
University of Warwick, UK
- [Fractal Geometry \(Celebrating Prof. Kenneth Falconer's 70th birthday\)](#) 03 - 07 Jul 2023
ICMS, Edinburgh, UK
- **Geometry Function Theory in Hunan** 21 - 22 Jul 2021
Hengyang, Hunan, China
- **Complex Dynamical Systems and Teichmuller Space** 21 - 22 May 2021
Jinling Institute of Technology, Nanjing, China

TEACHING EXPERIENCE

Teaching assistant

- Fall 2022, Complex Analysis and Integral Transforms (Hunan University)
- Fall 2021, Advanced Mathematics (Hunan University)
- Fall 2020, Analytic Geometry (Hunan University)
- Fall 2018, Advanced Algebra (Fujian Normal University)